Blakely, Sokoloff, Taylor & Zafman LLP (714) 557-3800
Title: Method and Apparatus for Selecting, Monitoring, and Controlling
Electrically Powered Devices
1st Named Inventor: Kim Y. Kao
Application No.: 09/707,647 Docket No.: 6045P002XD2
Sheet: 1/14

Blakely, Sokoloff, Taylor & Zafman LLP (714) 557-3800 Title: Method and Apparatus for Selecting, Monitoring, and Controlling (714) 557-3800 **Electrically Powered Devices** 1st Named Inventor: Kim Y. Kao Application No.: 09/707,647 Docket No.: 6045P002XD2 Sheet: 2/14 FIG. 2 STATION 1 FAX 54 STATION 2 COMPUTER 56 STATION 3 **COPJER** 58-50-CENTRAL STATION 4 CONTROLLER COMPUTER, **CREDIT** PRINTER CARD READER 60-STATION 5 MODEM PRINTER STATION 6 64 .

STATION 7

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Blakely, Sokoloff, Taylor & Zafman LLP (714 Title: Method and Apparatus for Selecting, Monitoring, and **Controlling Electrically Powered Devices** 1st Named Inventor: Kim Y. Kao Docket No.: 6045P002XD2 Application No.: 09/707,647 Sheet: 4/14 OCT .1 0 2006 96 92 94 CREDIT 102 You will not be charged until you use the credit card scanner and we confirm verification. Rent\*A\*Computer CREDIT Rent\*A\*Copier Rent\*A\*Printer 102 Rent\*A\*Fax Press Your Selection CREDIT 102 CREDIT 102 BUSINESS **Rent An** Copier 99c MINUTE AUTOMATED Fax 99c MINUTE 88 **NFORMATION** Printer 99c MINUTE RENT AN OFFICE HELP 88 100 98

Blakely, Sokoloff, Taylor & Zafman LLP Title: Method and Apparatus for Selecting, Monitoring, and Controlling Electrically Powered Devices 1st Named Inventor: Kim Y. Kao Application No.: 09/707,647 Docket No.: 6045P002XD2 OCT 1 0 2006 Sheet: 5/14 MAIN DISPLAY MENU FIG. 6A > DISPLAY CURRENT EQUIPMENT STATUS USER NAME CHARGES STATUS ⇒ BUTTONS FOR EQUIPMENT SELECTION **ACTIVATE** DEACTIVATE ⇒ SELECTION BUTTON FOR OTHER FUNCTIONS 118 MENU BOX: OTHER FUNCTIONS USER INPUT: > ACTIVATE EQUIPMENT ADVERTISING PROMOTIONAL OFFERS ⇒ DEACTIVATE EQUIPMENT • TELEPHONE CONNECTION TO SERVICES ⇒ other functions INTERNET BROWSER • ON-LINE SUPPORT BY LOGIC MICRO 114 DIALOGUE BOX: ACTIVATE EQUIPMENT ⇒ SHOW VIDEO CLIP OF CREDIT CARD (CC) SWIPE ⇒ REQUEST FOR INPUT OF CC INFORMATION 120 **USER INPUT:** ⇒ SLIDE CREDIT CARD ⇒ CANCEL TRANSACTION 122 > PROCESS CREDIT CARD HOLD VIA MODEM 124 USER INPUT: ⇒ APPROVE CC HOLD ⇒ CANCEL TRANSACTION 126 DIALOGUE BOX: DISCLOSURE STATEMENT DISCLOSURE FOR 60 MIN. MAX BILLING DURATION CREDIT CARD TERMS AND CONDITIONS 128 > POWER ON EQUIPMENT THROUGH SWITCHBOX ⇒ MONITOR USAGE UP TO MAX DURATION (60 MIN.) ⇒GO TO MAIN DISPLAY MENU (OPTIONS/STATUS) TO 116 TO 130 FROM 134,142

OIPE Title: Method and Apparatus for Selecting, Monitoring, and Controlling Electrically Powered Devices 1st Named Inventor: Kim Y. Kao Application No.: 09/707,647 Docket No.: 6045P002XD2 OCT 1 0 2006 Sheet: 6/14 FIG. 6B FROM 112 The Trust of FROM 128 TO 110 116 DIALOGUE BOX DEACTIVATE EQUIPMENT ⇒ DISPLAY UPDATED CHARGES ⇒ ASK TO CONFIRM DEACTIVATION **USER INPUT:** 136 ⇒ CONFIRM DEACTIVATION ⇒ CANCEL AND CONTINUE USAGE DIALOGUE BOX: PRINTING OF RECEIPT OPTIONS 138 REQUEST PRINTING OF RECEIPT W/CC ACCOUNT REQUEST PRINTING OF RECEIPT WO/CC ACCOUNT REQUEST NO PRINTING OF RECEIPT 140 -**USER INPUT:** SELECT PRINTING OF RECEIPT > PRINT RECEIPT PER USER INPUT. > POWER OFF TO EQUIPMENT VIA SWITCHBOX. 130 DIALOGUE BOX: MAX DURATION EXCEEDED ⇒ DISPLAY WARNING OF MAXIMUM DURATION EXCEEDED ⇒ DISPLAY OPTION TO CONTINUE USAGE. 132 **USER INPUT:**  CONTINUE USAGE DEACTIVATE EQUIPMENT NO RESPONSE 134 ⇒ IF NO RESPONSE, POWER OFF TO EQUIPMENT ⇒ PRINT RECEIPT WO/CC ACCOUNT INFORMATION.

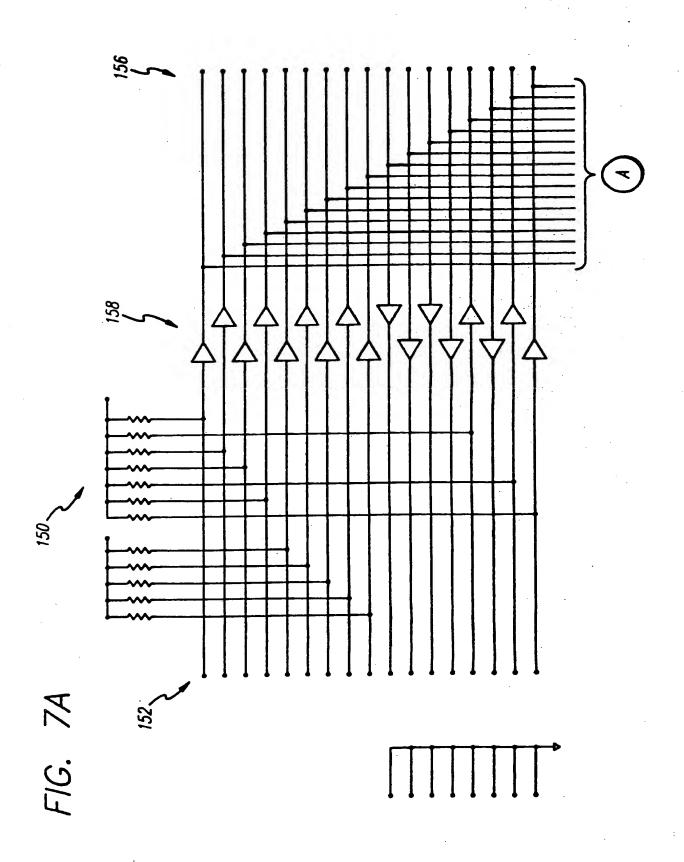
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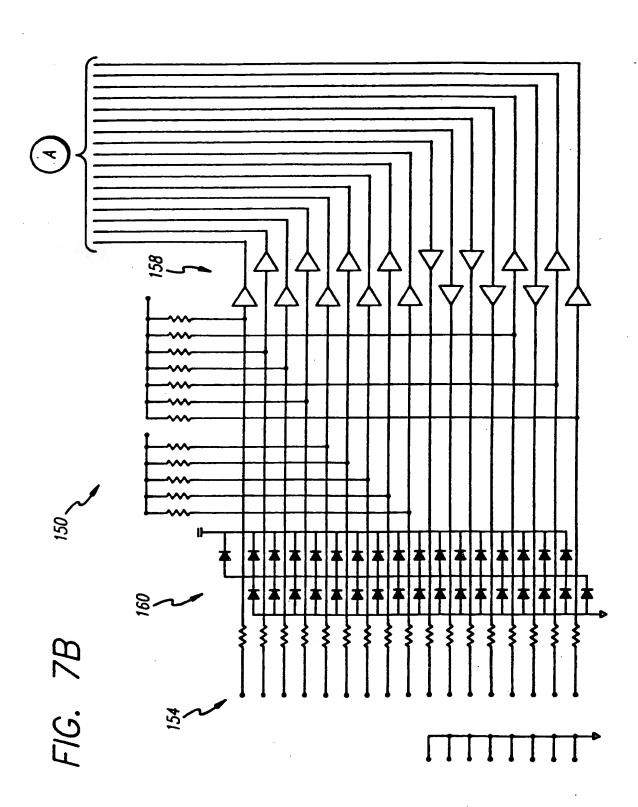
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Docket No.: 604
Sheet: 8/14 (714) 557-3800

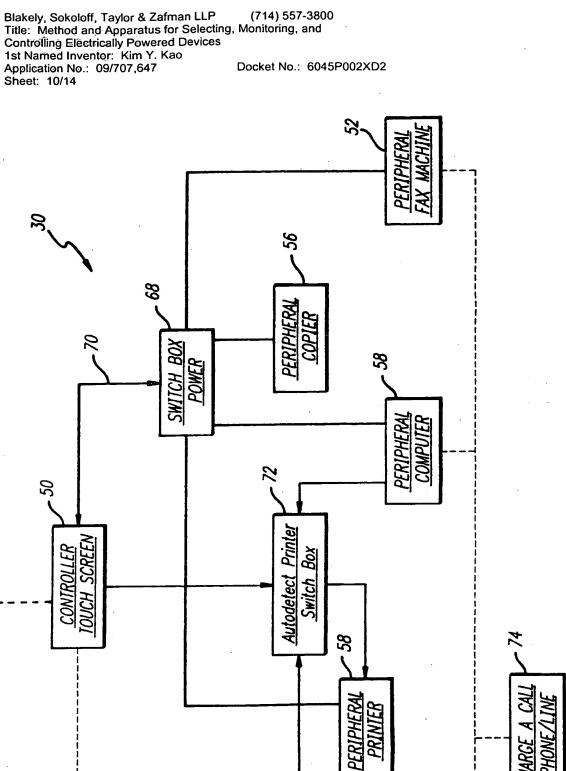
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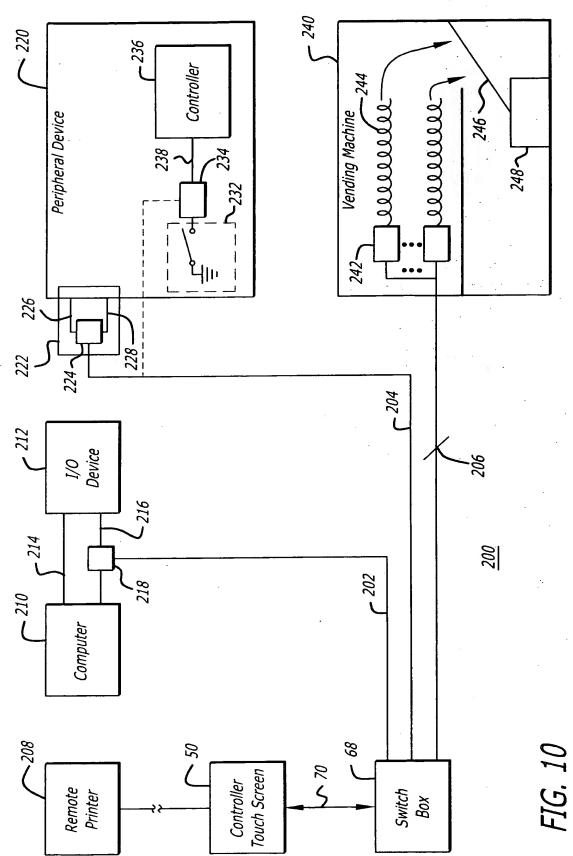
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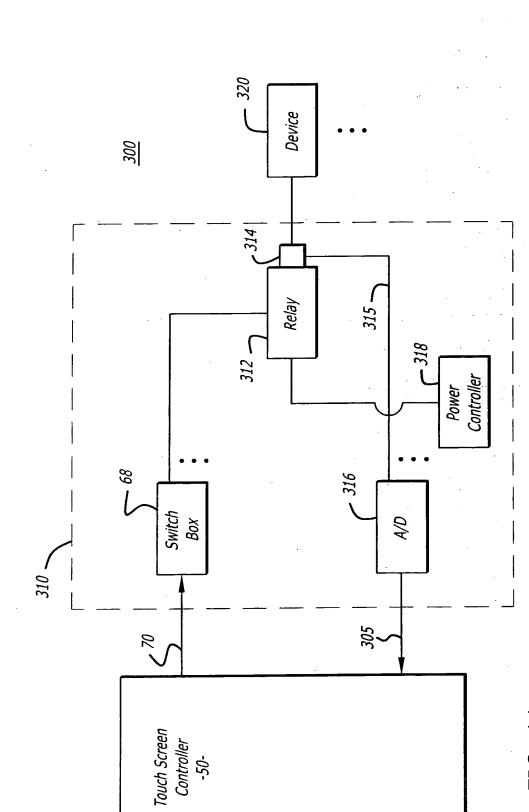
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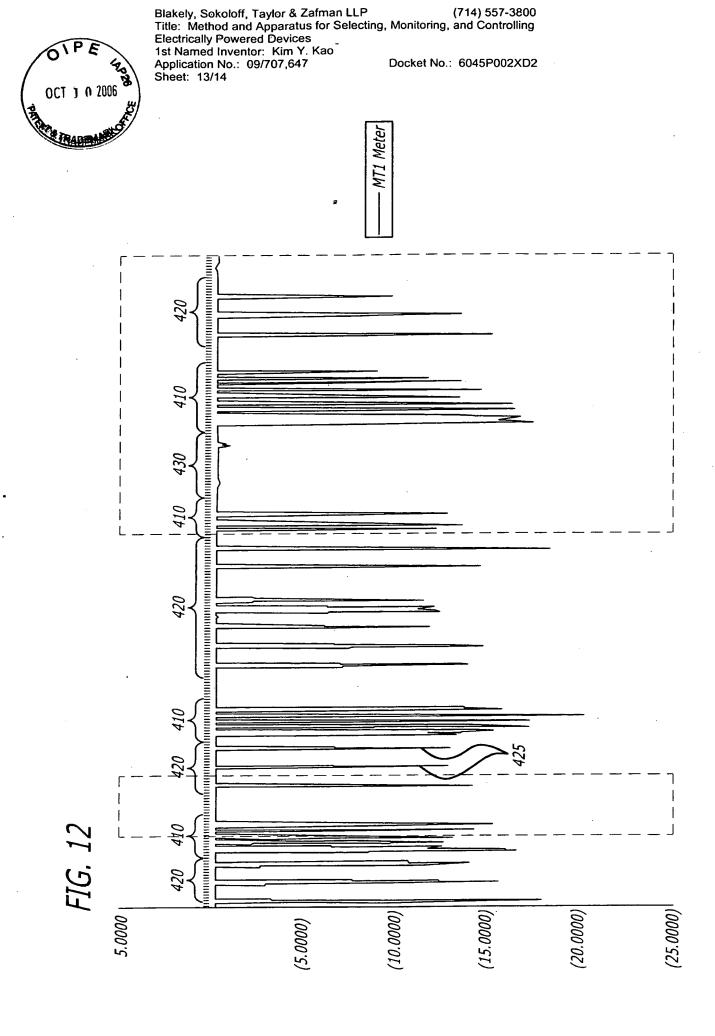
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Title: Method and Apparatus for Selecting, Monitoring, and Controlling **Electrically Powered Devices** 1st Named Inventor: Kim Y. Kao Application No.: 09/707,647 Docket No.: 6045P002XD2 OCT 1 0 2006 Sheet: 14/14 **START** *502* SELECT OPERATING MODE (DEFAULT) LEARNING MODE **MODE** 512 INITIALIZATION 504 -ESTABLISH POWER USAGE 514 TURN ON SELECTED PROFILE(S) OF A DEVICE DURING **DEVICE AFTER VALID** VARIOUS CONDITIONS; POWER PAYMENT METHOD; USAGE PROFILE=F(AMPERAGE,TIME) INITIATE BILLING TIMER. STORE POWER USAGE PROFILE(S) IN A DATABASE. 516 **USER YES** DONE WITH 506 **DEVICE** CONTINUE YES NO NO **LEARNING** 518 MODE MONITOR POWER 508 USAGE PROFILE. 520 **ABNORMAL** *Determine* POWER USAGE MONITOR DEVICE; NORMAL PROFILE. RESUME BILLING TIMER WHEN DEVICE IS NORMAL CATASTROPHIC 524 ISSUE WARNING 526 -INITIATE WARNING; SUSPEND BILLING TIMER. STOP BILLING TIMER; 500 SHUT DOWN DEVICE. 522-FIG. 13 528 RETURN

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